SK

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: **US/09/831,272**

DATE: 09/05/2001
TIME: 13:32:16

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\09052001\I831272.raw**

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     3 <110> APPLICANT: Christoph, KIRSCH et al
     5 <120> TITLE OF INVENTION: CHIMERIC PROMOTERS CAPABLE OF MEDIATING GENE EXPRESSION IN
 PLANTS UPON
     6         PATHOGEN INFECTION AND USES THEREOF
     8 <130> FILE REFERENCE: 0147-0224P
    10 <140> CURRENT APPLICATION NUMBER: US 09/831,272
    11 <141> CURRENT FILING DATE: 2001-05-09
    13 <160> NUMBER OF SEQ ID NOS: 36
    15 <170> SOFTWARE: PatentIn version 3.0
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    19 <212> TYPE: DNA
    20 <213> ORGANISM: Petroselinum crispum
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    28 <212> TYPE: DNA
    29 <213> ORGANISM: Petroselinum crispum
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    66 <223> OTHER INFORMATION: n=a,c,g,t,any unknown or other
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ENTERED

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 74 <212> TYPE: DNA
 75 <213> ORGANISM: Triticum aestivum
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 81 <210> SEQ ID NO: 7
 82 <211> LENGTH: 24
 83 <212> TYPE: DNA
 84 <213> ORGANISM: Petroselinum crispum
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 91 <211> LENGTH: 16
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 93 <213> ORGANISM: Solanum tuberosum
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 97 <222> LOCATION: (7)..(9)
 98 <223> OTHER INFORMATION: n=a,c,g,t,any unknown or other
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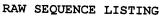
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154 <220> FEATURE:
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174 <212> TYPE: DNA
175 <213> ORGANISM: Petroselinum crispum
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182 <211> LENGTH: 4299
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186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic, n
188      natural origin
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192 ttcaaatatg tatccgctca tgagacaata accctgataa atgcttcaat aatattgaaa  120
193 aaggaagagt atgagtattc aacatttccg tgtcgccctt attccttttt ttgcggcatt  180
194 ttgccttcct gtttttgctc acccagaaac gctggtgaaa gtaaaagatg ctgaagatca  240
195 gttgggtgca cgagtgggtt acatcgaact ggatctcaac agcggtaaga tccttgagag  300
196 ttttcgcccc gaagaacgtt ttccaatgat gagcactttt aaagttctgc tatgtggcgc  360
197 ggtattatcc cgtattgacg ccgggcaaga gcaactcggt cgccgcatac actattctca  420
198 gaatgacttg gttgagtact caccagtcac agaaaagcat cttacggatg gcatgacagt  480
199 aagagaatta tgcagtgctg ccataaccat gagtgataac actgcggcca acttacttct  540
200 gacaacgatc ggaggaccga aggagctaac cgcttttttg cacaacatgg gggatcatgt  600
201 aactcgcctt gatcgttggg aaccggagct gaatgaagcc ataccaaacg acgagcgtga  660
202 caccacgatg cctgtagcaa tggcaacaac gttgcgcaaa ctattaactg gcgaactact  720
203 tactctagct tcccggcaac aattaataga ctggatggag gcggataaag ttgcaggacc  780
204 acttctgcgc tcggcccttc cggctggctg gtttattgct gataaatctg gagccggtga  840
205 gcgtgggtct cgcggtatca ttgcagcact ggggccagat ggtaagccct cccgtatcgt  900
206 agttatctac acgacgggga gtcaggcaac tatggatgaa cgaaatagac agatcgctga  960
207 gataggtgcc tcactgatta agcattggta actgtcagac caagtttact catatatact 1020
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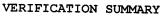Output Set: **N:\CRF3\09052001\I831272.raw**

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209 taatctcatg accaaaatcc cttaacgtga gttttcgttc cactgagcgt cagaccccgt 1140
210 agaaaagatc aaaggatctt cttgagatcc ttttttttctg cgcgtaatct gctgcttgca 1200
211 aacaaaaaaa ccaccgctac cagcggtggt ttgtttgccg gatcaagagc taccaactct 1260
212 ttttccgaag gtaactggct tcagcagagc gcagatacca aatactgtcc ttctagtgta 1320
213 gccgtagtta ggccaccact tcaagaactc tgtagcaccg cctacatacc tcgctctgct 1380
214 aatcctgtta ccagtggctg ctgccagtgg cgataagtcg tgtcttaccg ggttggactc 1440
215 aagacgatag ttaccggata aggcgcagcg gtcgggctga acggggggtt cgtgcacaca 1500
216 gcccagcttg gagcgaacga cctacaccga actgagatac ctacagcgtg agcattgaga 1560
217 aagcgccacg cttcccgaag ggagaaaggc ggacaggtat ccggtaagcg gcagggtcgg 1620
218 aacaggagag cgcacgaggg agcttccagg gggaaacgcc tggtatcttt atagtcctgt 1680
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220 cctatggaaa aacgccagca acgcggcctt tttacggttc ctggccttttt gctggccttt 1800
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222 tgagtgagct gataccgctc gccgcagccg aacgaccgag cgcagcgagt cagtgagcga 1920
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226 gacacgctcg agtggccacc atggtccgtc ctgtagaaac cccaacccgt gaaatcaaaa 2160
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233 tgaacaacga actgaactgg cagactatcc cgccgggaat ggtgattacc gacgaaaacg 2580
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242 accacgcatt aatggactgg attggggcca actcctaccg tacctcgcat tacccttacg 3120
243 ctgaagagat gctcgactgg gcagatgaac atggcatcgt ggtgattgat gaaactgctg 3180
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247 cggatacccg tccgcaaggt gcacgggaat atttcgcgcc actggcggaa gcaacgcgta 3420
248 aactcgaccc gacgcgtccg atcacctgcg tcaatgtaat gttctgcgac gctcacaccg 3480
249 ataccatcag cgatctcttt gatgtgctgt gcctgaaccg ttattacgga tggtatgtcc 3540
250 aaagcggcga tttggaaacg gcagagaagg tactggaaaa agaacttctg gcctggcagg 3600
251 agaaactgca tcagccgatt atcatcaccg aatacggcgt ggatacgtta gccgggctgc 3660
252 actcaatgta caccgacatg tggagtgaag agtatcagtg tgcatggctg gatatgtatc 3720
253 accgcgtctt tgatcgcgtc agcgccgtcg tcggtgaaca ggtatggaat ttcgccgatt 3780
254 ttgcgacctc gcaaggcata ttgcgcgttg gcggtaacaa gaaagggatc ttcactcgcg 3840
255 accgcaaacc gaagtcggcg gctttctgc tgcaaaaacg ctggactggc atgaacttcg 3900
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```

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```
257 cgctacagcc tcgggaattg ctaccgagct cccgggtacc tgatcatgag taattagctc 4020
258 gaatttcccc gatcgttcaa acatttggca ataaagtttc ttaagattga atcctgttgc 4080
259 cggtcttgcg atgattatca tataatttct gttgaattac gttaagcatg taataattaa 4140
260 catgtaatgc atgacgttat ttatgagatg ggtttttatg attagagtcc cgcaattata 4200
261 catttaatac gcgatagaaa acaaaatata gcgcgcaaac taggataaat tatcgcgcgc 4260
262 ggtgtcatct atgttactag atcgggaatt agatctgct                        4299
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269 <213> ORGANISM: Artificial Sequence Sequence          OK
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272 <223> OTHER INFORMATION: derived from Solanum tuberosum
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278 <210> SEQ ID NO: 19
279 <211> LENGTH: 36
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence Sequence          OK
283 <220> FEATURE:
284 <223> OTHER INFORMATION: derived from Petroselinum crispum
286 <400> SEQUENCE: 19
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290 <210> SEQ ID NO: 20
291 <211> LENGTH: 43
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence Sequence          OK
295 <220> FEATURE:
296 <223> OTHER INFORMATION: derived from Petroselinum crispum
298 <400> SEQUENCE: 20
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303 <211> LENGTH: 42
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence Sequence          OK
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308 <223> OTHER INFORMATION: derived from Petroselinum crispum
310 <400> SEQUENCE: 21
311 actagtagtt gaaattcaat aagttgaaat tcaatatcta ga                    42
314 <210> SEQ ID NO: 22
315 <211> LENGTH: 42
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence Sequence          OK
319 <220> FEATURE:
320 <223> OTHER INFORMATION: derived from Petroselinum crispum
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326 <210> SEQ ID NO: 23
327 <211> LENGTH: 41
328 <212> TYPE: DNA
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```
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L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
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